

FIG. 3

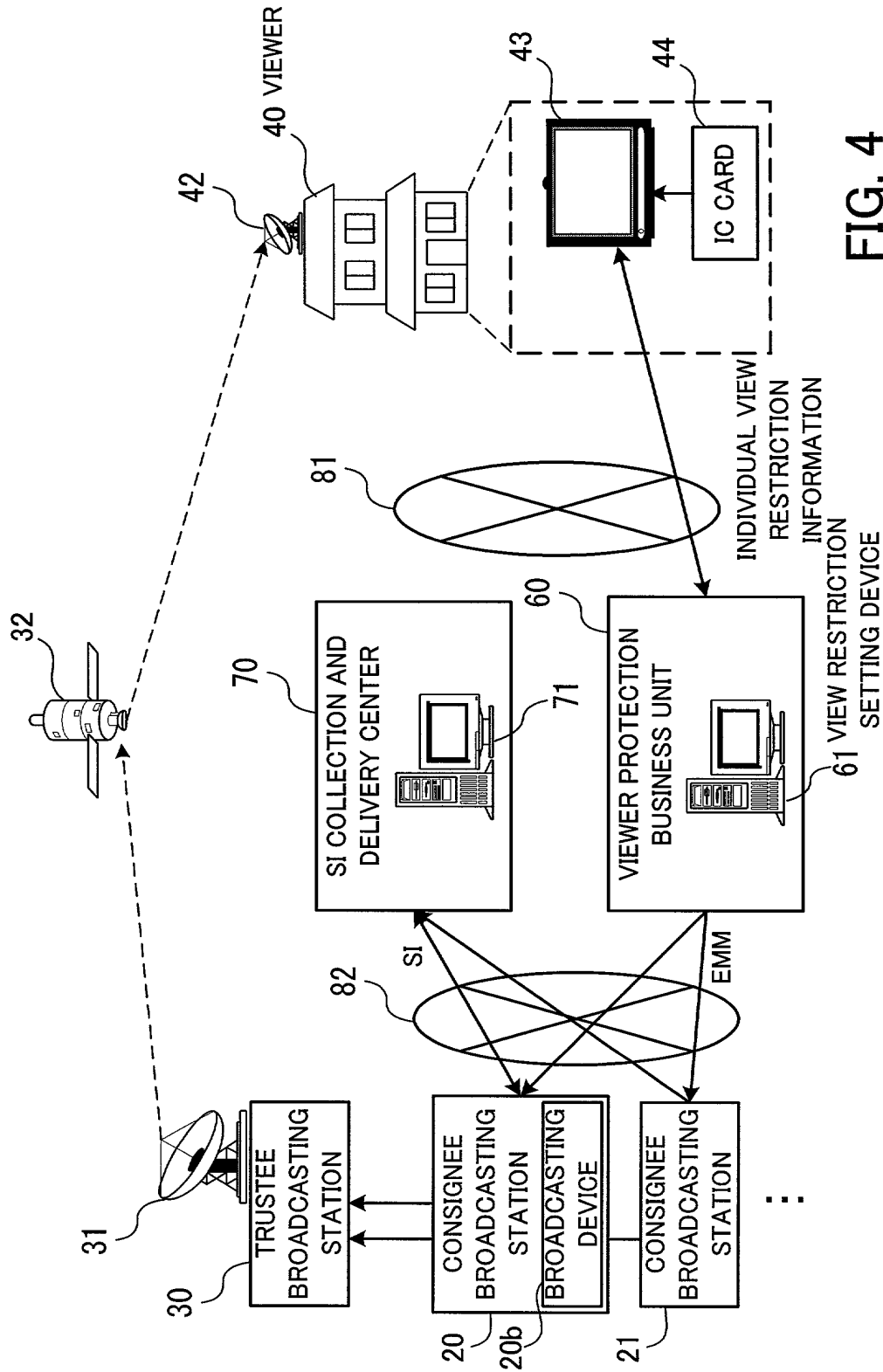


FIG. 4

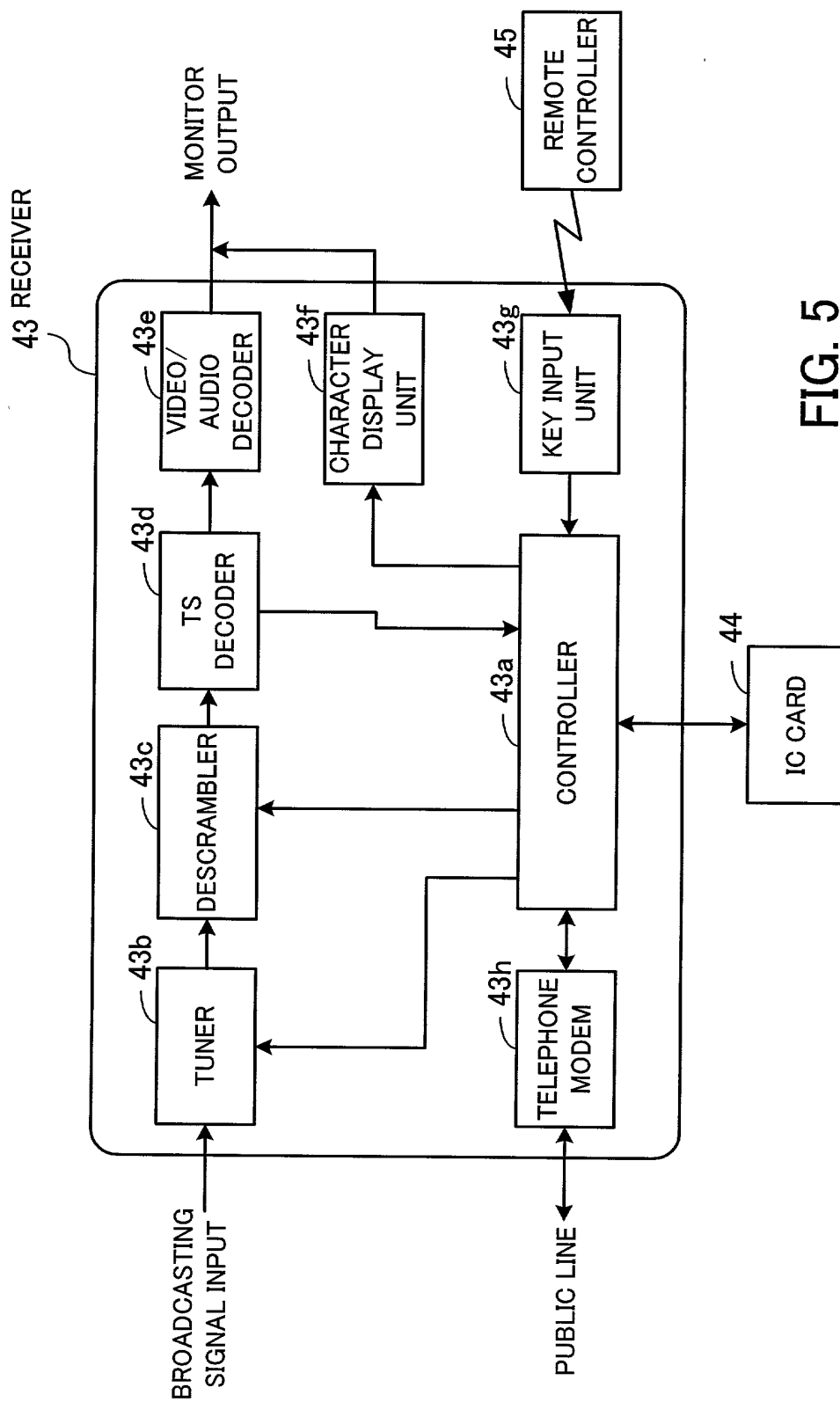


FIG. 5

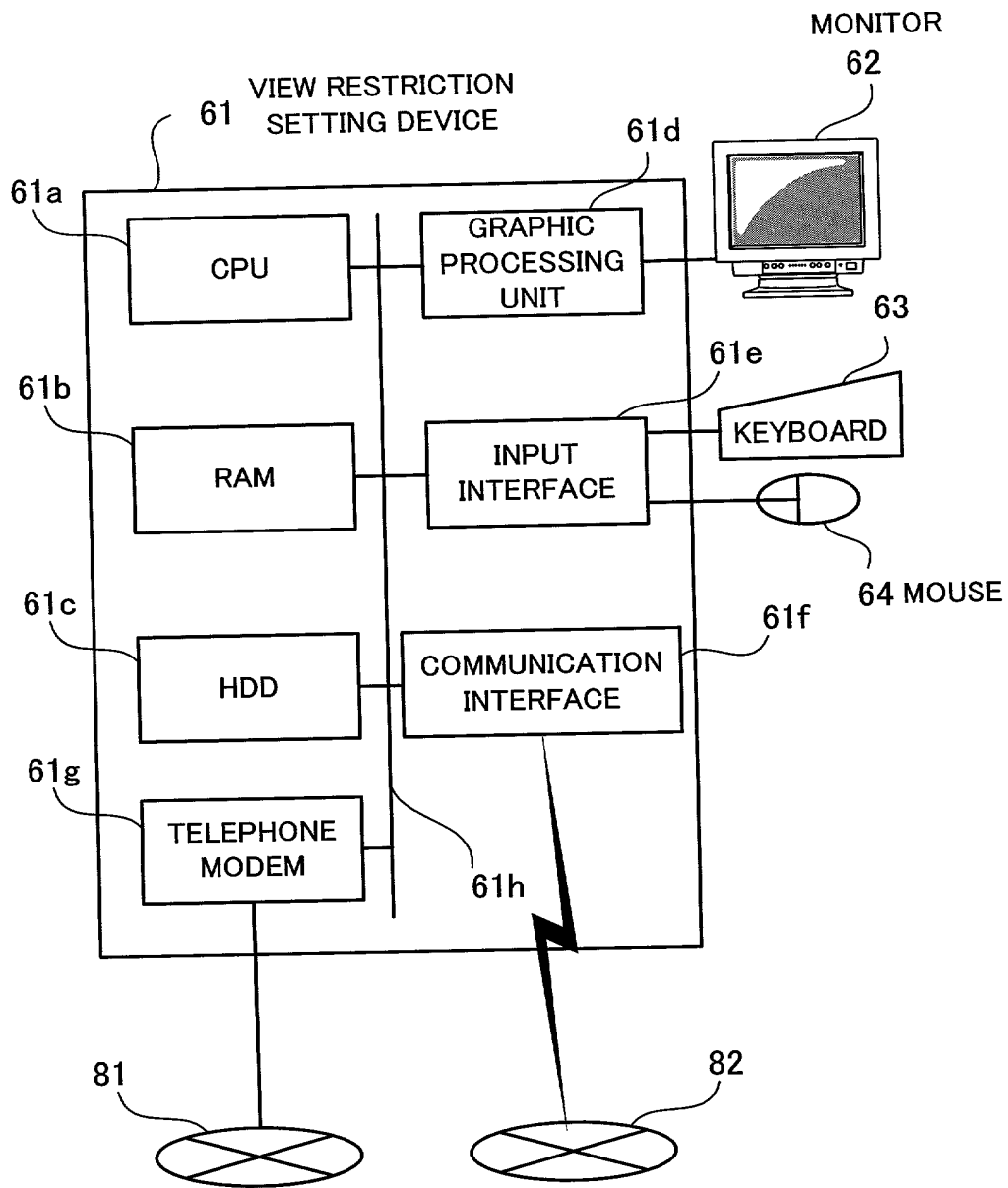


FIG. 6

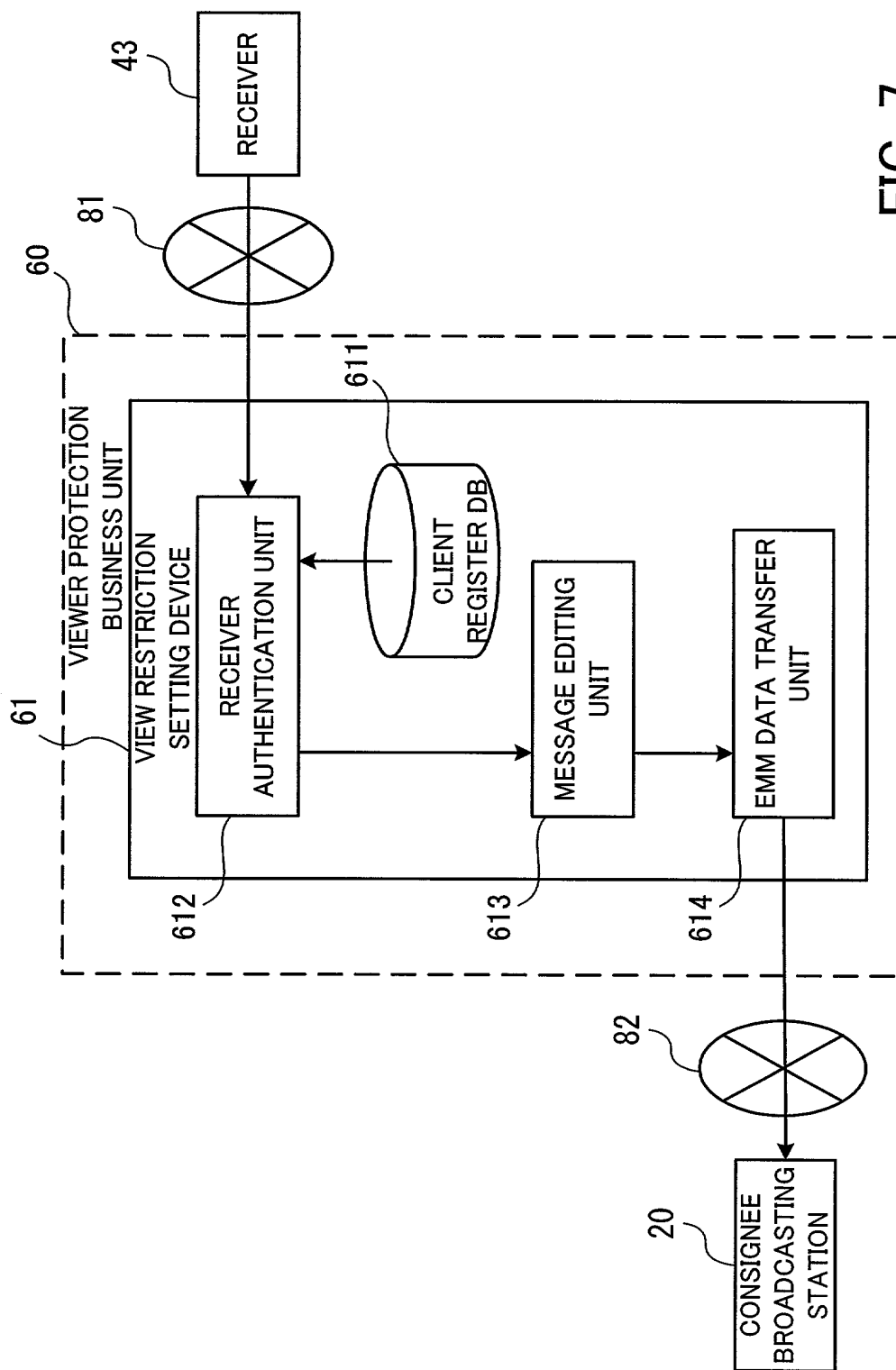
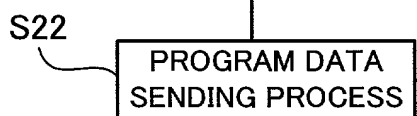
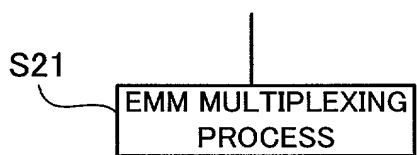


FIG. 7

CONSIGNEE BROADCASTING STATION
BROADCASTING DEVICE



PROGRAM
DATA

VIEWER
RECEIVER

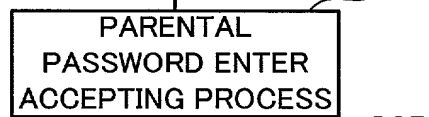
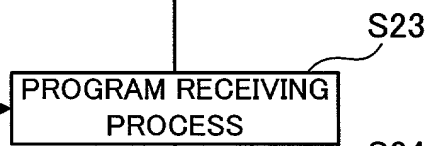
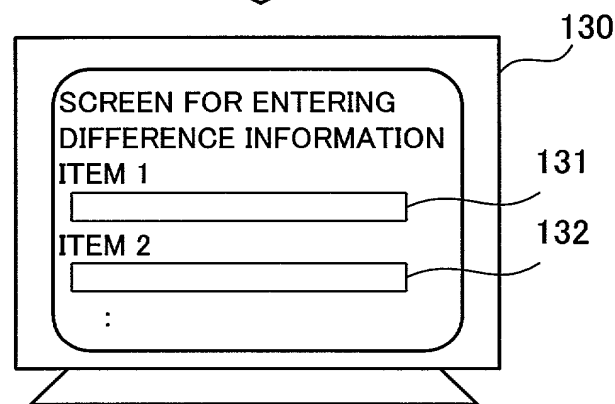
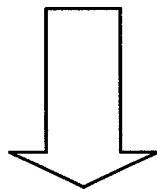
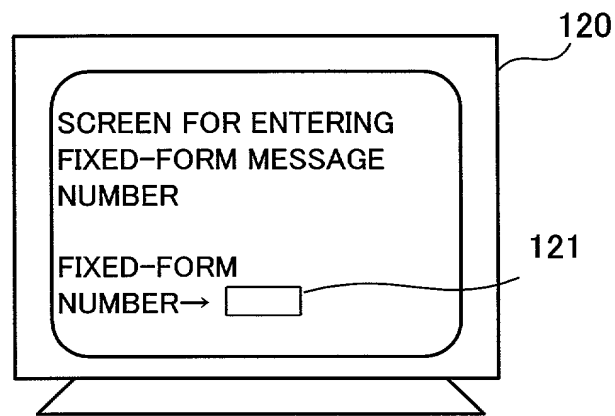


FIG. 9

111 INFORMATION ABOUT PROGRAM SUBJECT
TO RESTRICTION

DATA ITEM	SOURCE
STREAM IDENTIFICATION DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
NETWORK NAME DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SYSTEM MANAGEMENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SERVICE LIST DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SATELLITE DISTRIBUTION SYSTEM DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SERVICE DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
BROADCASTER NAME DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
RECTANGULAR EVENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
COMPONENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
AUDIO COMPONENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)

FIG. 10



113 EMM DATA

DATA ITEM	CONTENT	BYTES
CARD ID	ID OF IC CARD LOADED TO RECEIVER	6
PAY BUSINESS UNIT IDENTIFICATION CODE	CODE FOR IDENTIFYING BUSINESS UNIT ON PAY BROADCASTING OPERATION	1
MESSAGE ID	ID OF MESSAGE	1
FIXED-FORM MESSAGE NUMBER	SELECTED FIXED-FORM MESSAGE NUMBER	2
MESSAGE DIFFERENCE INFORMATION	PHRASE AND SENTENCE INPUT TO CHANGEABLE PART OF FIXED-FORM MESSAGE	N

FIG. 13

114 PROGRAM DESIGNATING DATA

DATA ITEM	SOURCE
STREAM IDENTIFICATION DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
NETWORK NAME DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SYSTEM MANAGEMENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SERVICE LIST DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SATELLITE DISTRIBUTION SYSTEM DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
SERVICE DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
BROADCASTER NAME DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
RECTANGULAR EVENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
COMPONENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)
AUDIO COMPONENT DESCRIPTOR	ALL-STATIONS EPG DATA (SERVICE INFORMATION)

FIG. 14

116 EMM COMMON MESSAGE

DATA ITEM	CONTENT	BYTES
PAY BUSINESS UNIT IDENTIFICATION CODE	CODE FOR IDENTIFYING BUSINESS UNIT ON PAY BROADCASTING OPERATION	1
AUTOMATIC DISPLAY DELETION TYPE	0x01(="DELETION IS NOT ALLOWED")	1
AUTOMATIC DISPLAY CONTINUOUS TIME 1	0xFF(="NO LIMIT")	1
AUTOMATIC DISPLAY CONTINUOUS TIME 2	—	1
AUTOMATIC DISPLAY CONTINUOUS TIME 3	—	1
AUTOMATIC DISPLAY TIMES	"1"	1
FORMAT NUMBER	FORMAT OF MESSAGE CODE BODY	1
MESSAGE LENGTH	BYTE LENGTH OF MESSAGE CODE	2
MESSAGE CODE BODY	FIXED-FORM SENTENCE	L

FIG. 16

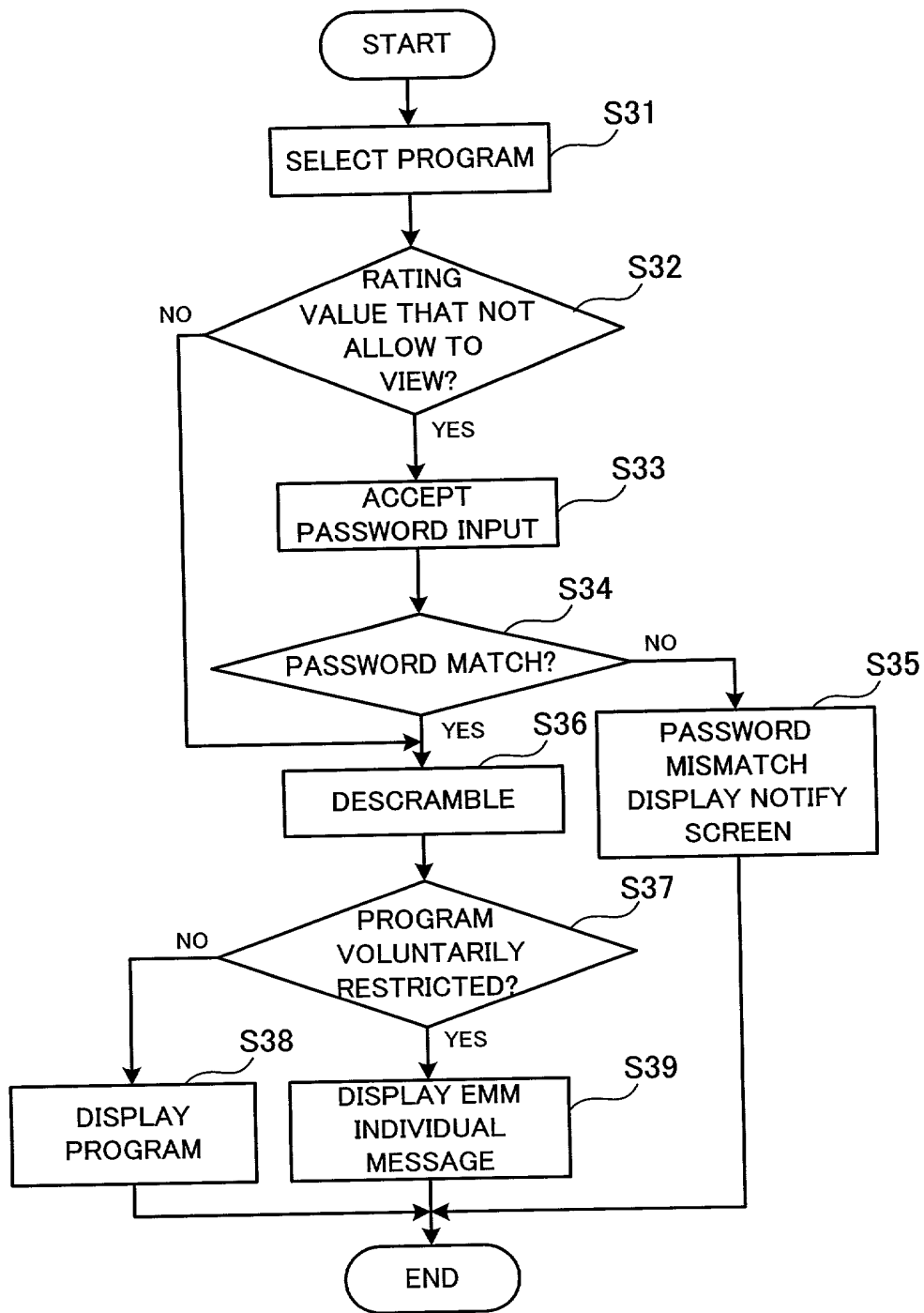


FIG. 17